

CROWELL & MORING, LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300  
(202) 624-2500

March 25, 2004

Customer No.  
**23911**

13281 U.S. PTO  
032504

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.  
Our Ref: 010482.53914US

17354 U.S. PTO  
10/808569  
032504

Sir:

Transmitted herewith for filing is the patent application of:

**Tomohiro SHIRAKAWA, Hiroyuki ARASE, Tetsuo NISHIDATE, Takeshi KURITA, Masaharu SHIBATA, Hideki KUME**

entitled: **TRAY DEVICE MECHANISM FOR OPTICAL DISC APPARATUS**

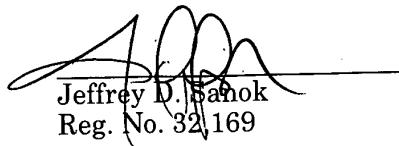
Enclosed are:

1. Specification, including 10 claims (pages 29).
2. 7 Sheets of Formal drawings showing Figs. 1-2, 3a-3b, 4, 5a-5b, 6a-6b, 7a-7b
3. Application Data Sheet.
4. Executed Declaration and Power of Attorney.
5. Assignment of the invention to Funai Electric Co., Ltd.
6. Certified copy of Priority Document 2003-081681 filed in Japan on March 25, 2003, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
7. Information Disclosure Statement w/2 references.
8. The filing fee has been calculated as shown below:

Basic Fee			\$385/770 =	\$770.00
Total Claims	<u>10</u>	20	= <u>  </u> x \$ 9/18 =	\$
Independent Claims	<u>1</u>	3	= <u>  </u> x \$ 43/86 =	\$
Multiple Dependent Claim Presented			\$145/290 =	\$
Total Filing Fee				<u>\$770.00</u>

A check in the amount of \$810.00 (\$770.00 for the filing fee and \$40.00 for the assignment recording fee) is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #010482.53914US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Jeffrey D. Banok  
Reg. No. 321169

032504  
13281 U.S.PTO

CROWELL & MORING, LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, D.C. 20044-4300  
(202) 624-2500

March 25, 2004

Customer No.  
**23911**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.  
Our Ref: 010482.53914US

Sir:

Transmitted herewith for filing is the patent application of:

**Tomohiro SHIRAKAWA, Hiroyuki ARASE, Tetsuo NISHIDATE, Takeshi KURITA, Masaharu SHIBATA, Hideki KUME**

entitled: **TRAY DEVICE MECHANISM FOR OPTICAL DISC APPARATUS**

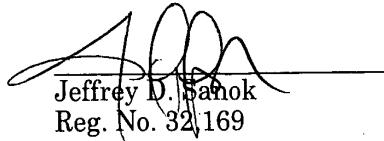
Enclosed are:

1. Specification, including 10 claims (pages 29).
2. 7 Sheets of Formal drawings showing Figs. 1-2, 3a-3b, 4, 5a-5b, 6a-6b, 7a-7b
3. Application Data Sheet.
4. Executed Declaration and Power of Attorney.
5. Assignment of the invention to Funai Electric Co., Ltd.
6. Certified copy of Priority Document 2003-081681 filed in Japan on March 25, 2003, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
7. Information Disclosure Statement w/2 references.
8. The filing fee has been calculated as shown below:

Basic Fee		\$385/770 =	\$770.00
Total Claims	<u>10</u> - 20	= <u>  </u> x \$ 9/18 =	\$
Independent Claims	<u>1</u> - 3	= <u>  </u> x \$ 43/86 =	\$
Multiple Dependent Claim Presented		\$145/290 =	\$
Total Filing Fee			<u>\$770.00</u>

A check in the amount of \$810.00 (\$770.00 for the filing fee and \$40.00 for the assignment recording fee) is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #010482.53914US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Jeffrey D. Bahok  
Reg. No. 32169